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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/771,064	01/26/2001	Richard A. Craig	E-1825 CIP	2684

7590 11/29/2002

Intellectual Property Service
Battelle Memorial Institute
Pacific Northwest Division
P.O. Box 999
Richland, WA 99352

EXAMINER

PALABRICA, RICARDO J

ART UNIT

PAPER NUMBER

3641

DATE MAILED: 11/29/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

Response to Amendment

1. The reply filed on 10/1/02 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s):

- Applicant did not elect a single species of the neutron source, neutron sensor and neutron shield material, contrary to the requirements of 8/27/02 Office Action, Sections 4, 5 and 6, respectively. In order to properly address the species election requirement for the neutron source, for example, applicant must specifically identify which one member of the group listed in claim 8 is being elected for examination. The same identification must be done for the enumerated species of neutron sensor in claim 12, and the species of neutron shield listed in claim 13.
- Applicant must also list all claims readable on the elected species, as per the requirement in Section 8 of said previous Office Action.

See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).**

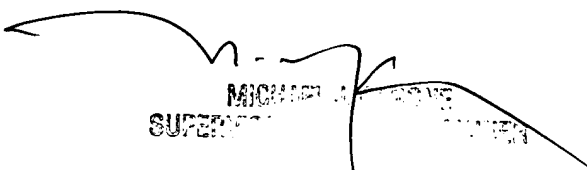
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2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rick Palabrica whose telephone number is 703-306-5756. The examiner can normally be reached on 7:00-4:30, Mon-Fri; 1st Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Carone can be reached on 703-306-4198. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-7687 for regular communications and 703-305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

RJP
November 27, 2002


MICHAEL A. CARONE
SUPERVISOR